

APPELLANTS' BRIEF ON APPEAL
UNDER 37 C.F.R. § 1.192
U.S. Appln. No. 09/853,575

APPENDIX

CLAIMS 1-5, 19, 20 AND 43 ON APPEAL:

1. A combination comprising:

an optical fiber containing a notch, and

a luminescent material,

wherein said notch is configured so as to direct radiant energy within the fiber toward the luminescent material.

2. An optical luminescent display device, comprising:

a luminescent material; and

a side emitting optical fiber adapted for supplying radiant energy to said luminescent material.

3. An optical luminescent display device, adapted for use with radiant energy source, comprising:

an optical fiber;

a luminescent material; and

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a notch formed in said optical fiber adapted to direct a first type of radiant energy within said optical fiber toward the luminescent material.

4. An optical luminescent display device of claim 3, further comprising:

a reflective coating mounted on said optical fiber transversally opposite from said notch.

5. An optical luminescent display device of claim 3, wherein:

said luminescent material requires excitement from a first type of radiant energy to emit visible light.

19. An optical luminescent display device comprising:

an optical fiber;

a luminescent material; and

means for deviating a path of radiation traveling within said optical fiber away from the axis of said optical fiber toward said luminescent material.

20. A method for causing a luminescent material to emit visible light, comprising:

emitting radiant energy into an optical fiber; and

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directing said radiant energy toward a luminescent material, said luminescent material emitting visible light when radiated by said radiant energy, via a notch formed in said optical fiber,

wherein said optical fiber is adapted to direct said radiant energy within said optical fiber toward said luminescent material.

43. An optical switch, comprising;

an optical fiber;

a luminescent material;

a notch formed in said optical fiber adapted to direct a first type of radiant energy within said optical fiber toward said luminescent material; and

an optical pickup arranged to optically communicate with said luminescent material.